LINCRAD

NEW ZEALAND DESIGN MARK

"BUY N.Z MADE"
& Keep Your Country Working

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

WHAT IS THE DESIGNMARK?

The New Zealand Designmark is awarded to products that are judged to be of excellent design and quality. The emphasis is on the "industrial design" of the product which takes into account the three elements of functional design, engineering design and aesthetic design. The Designmark on your product says "buy this with confidence". It is a positive recommendation to your customers and a prestigious national recognition of your company's industrial design skills and expertise.

WHAT IS EXCELLENT INDUSTRIAL DESIGN?

There are many definitions of "industrial design" but the one adopted by TELARC for the purpose of the New Zealand Designmark scheme is as follows:

Industrial Design is the process whereby:

i) **A thorough understanding of the problems to be solved, the end user's needs and the practical and economic constraints that apply; and**

ii) **A technical knowledge of all processes and materials that are currently available; and**

iii) **Appropriate consideration of aesthetic and ergonomic factors are combined to create a product that meets the user's functional and aesthetic needs.**

Such needs will be many and varied so industrial design is a multi-faceted process. The customer is clearly going to be concerned about the function or performance of a product. That is; does it do the job for which it is intended? The aesthetic design of the product (form, appearance, shape, colour, texture etc.) will also be of great importance to the customer. These two elements — form and function — are therefore, key elements in the design of a product but there are also a number of other factors that must be taken into account such as:

Ergonomics (ease of use), reliability and durability, engineering design, assembly and installation, use of materials, maintainability, safety, environmental considerations, quality of manufacture, innovation, packaging, instructional materials, economics.

All these factors will not, of course, apply to every product. So the process of industrial design involves, in part, the identification of the critical factors that are relevant to the proposed product and then the achievement of an appropriate balance between these factors in the final product design.

The Designmark product assessment firstly identifies the design factors that are considered to be relevant to your product type and then evaluates your product design under each factor. An overall "excellent" rating is required in the design factors that are considered to be relevant. In this context "excellent" is taken to mean "of surpassing merit — possession of good qualities to an unusual degree," "significantly better than average".

Clearly then the Designmark, the mark of excellence in industrial design, will only be carried by the most deserving products as a fitting tribute to the professional skills of the designers involved and the customer commitment of the companies that employ them.

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May 1992

DEAR CUSTOMER

The enclosed 1992 Catalogue comes into effect on June 1st 1992. It should give you a guide to our Product Range available. To compliment our diverse range of channelised aerials the catalogue also includes Hardware and Accessories associated with Aerial Installations.

I have been involved in the Aerial / Television service business for many years and have seen many changes. Currently there is a healthy market being serviced by dedicated Distributors / Wholesalers and Retailers. As we all know any product being sourced must meet the customers needs, the price must be right and the service supporting the sale being equally important. My team at 'Lincrad' offer the dedicated support we believe needed by the Industry. Our Specialized capability offered by our Research and Development facility has meant problems that have developed in transmission reception are in many cases solvable with correct Aerial, Hardware and Accessories being used.

Our highly motivated team have a combined 'Gold Mine' of skills that are transferred into our product range.

My philosophy and commitment over many years has been to ensure that the best reception of transmission signal is achieved using the best design technology, and manufacturing methods available with no compromises. 'Lincrad' does offer this with great satisfaction of its achievements.

We acknowledge the support of our customers over many years, and welcome maintaining the service to the industry for many years to come.

Yours sincerely

Noel Roscoe

Noel Roscoe
Managing Director

NARINTRO

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
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TRADING TERMS

EFFECTIVE 1st JUNE 1992

Prices are subject to change without notice.

All prices are subject to Goods and Services Tax at the rate ruling at the invoice date.

Terms of payment are strictly payment by the 20th of the month following purchase.

All overdue accounts are subject to a charge of 2% interest per month.

Freight Charges

No charge for orders of 20 or more aerials
50% charge for orders of 10 to 19 aerials
100% charge for orders of 1 to 9 aerials

freight concession given on accessories ordered with aerials

MAXIMUM DISCOUNT APPLY ON FOLLOWING ITEMS:

Stay kits purchased (max 25%)
GP1, CB1 & FM aerials (max 25%)
Kingray amplifiers purchased (max 15%)

PRICES DO NOT INCLUDE GST.

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Price Catalogue

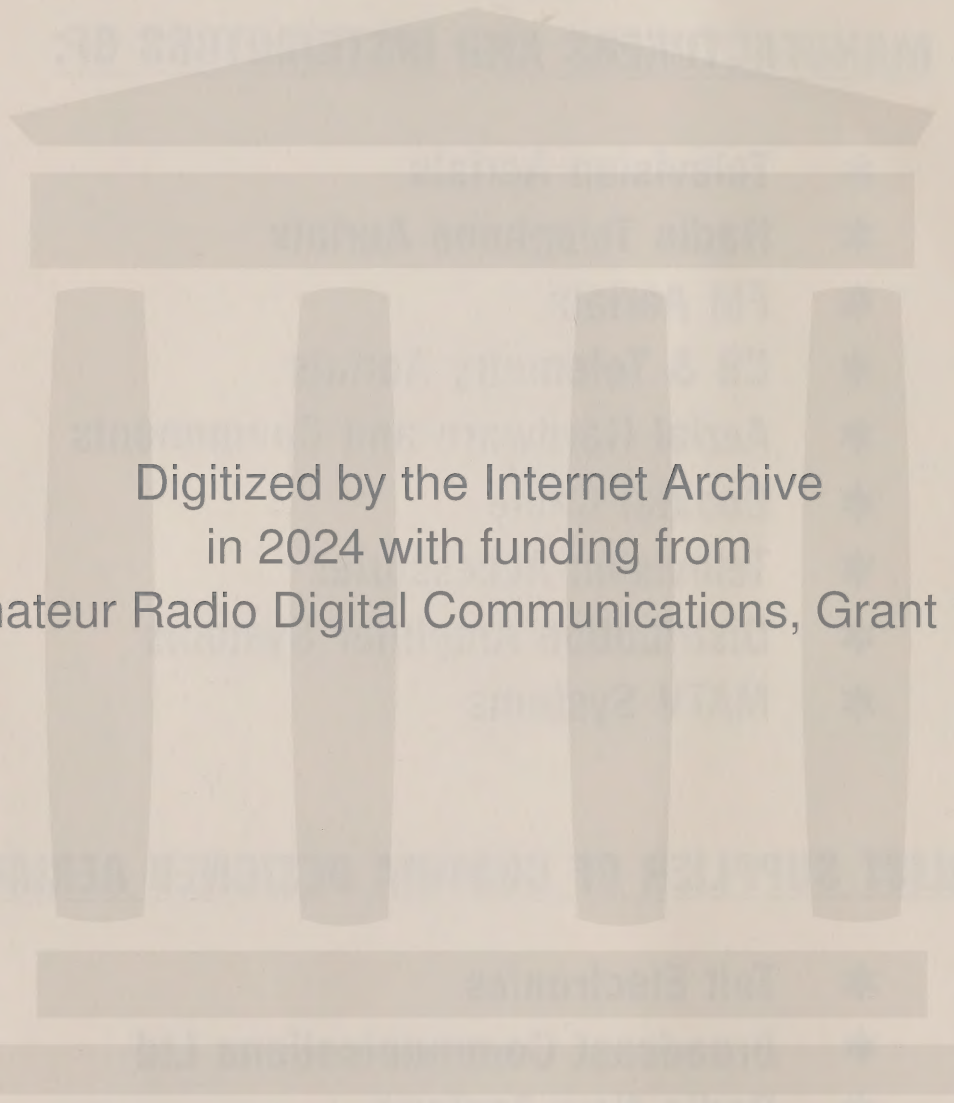
MANUFACTURERS AND DISTRIBUTORS OF:

- Television Aerials
- Radio Telephone Aerials
- FM Aerials
- CB & Telemetry Aerials
- Aerial Hardware and Components
- Coaxial Cable
- Television Accessories
- Distribution Amplifier Systems
- MATV Systems

SPECIALIST SUPPLIER OF CUSTOM DESIGNED AERIALS TO:

- Tait Electronics
- Broadcast Communications Ltd
- Radio New Zealand
- Department of Conservation

• Continuous research and development is providing new and improved products — therefore technical specifications may change without notice.
• We invite you to discuss further with our Representative any product which you require not specified in this catalogue.



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WHY CHOOSE US?

EXPERIENCE

'Lincrad' has 30 years experience in the Industry dedicated to Design and Manufacturing of Channelised Aerials for the New Zealand climate and transmission needs.

QUALITY

'Lincrad' don't compromise, when it comes to making continual improvements in quality assurance building on the New Zealand Design Mark already awarded for Design and Quality. Lincrad will in due course achieve ISO9002 re-affirming their commitment to excellence.

MANUFACTURE

'Lincrad' has a manufacturing facility sited in Christchurch using production processes such as injection moulding, punch and forming presses, milling and drilling machine centres. Production control systems in place ensure 'Lead Time' delivery forecasts are met.

RESEARCH AND DEVELOPMENT

'Lincrad' have a commitment to product design excellence using the innovative skills of our staff, with the assistance of specialized equipment like oscilloscope, Polyskope and Signal Generators. New ideas are developed and field tested becoming future products available to the industry. New tooling needed for manufacture is designed and built in house.

TECHNICAL ASSISTANCE

'Lincrad' have a dedicated team of experienced technicians available to give any assistance needed to support our product range.

DELIVERY / FREIGHT

'Lincrad' maintain a 'Stock Control' method that ensures most items are available 'ex-stock'. Our production control systems allows bulk orders to be processed smoothly and on schedule.

'Lincrad' use the services of reputable courier companies, where charges are passed on to the customer it is ensured these are kept to a minimum.

ORDERING METHOD Three easy methods

BY FAX:	Take advantage of the pre-printed form enclosed.
BY TELEPHONE:	We can take all order requirements by phone.
BY MAIL:	Orders of Less Urgency are handled with equal care.

BECAUSE WE DON'T COMPROMISE ON PERFORMANCE!

FACSIMILE TRANSMISSION

DATE: _____

TO: NOEL SHIRKEY

FROM: _____

AT: LINCRAD AERIALS LTD

COMPANY: _____

FAX NO.: (03) 3484043

NO. OF PAGES _____ INCLUDING THIS ONE

MESSAGE:

PLEASE SUPPLY THE FOLLOWING:-

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V H F A E R I A L S

CODE	MODEL		TYPE	Excl GST TRADE $
126	Ch 1	3el	Yagi	55.65
102	Ch 1	4el	Yagi	71.90
103	Ch 1-3	3el	Yagi	48.80
104	Ch 1+3	5el	Yagi	83.90
105	Ch 1-3+4-11	6el	Yagi	73.60
106	Ch 1-3+4-11	7el	Yagi	79.15
107	Ch 1-3+4-11	11el	Log/Yagi	103.40
108	Ch 1-3+5	7el	Yagi	79.80
124	Ch 1-3+6-8 Stingray 2	13el	Yagi	126.50
127	Ch 1-3+6-8	7el	Yagi	79.80
109	Ch 1-3+7	7el	Yagi	79.80
110	Ch 1-3+9	7el	Yagi	79.80
119	Ch 1-3+7-9	7el	Yagi	79.80
113	Ch 1+4-10	7el	Yagi	76.95
115	Ch 1+4-11	11el	Log/Yagi	104.50
114	Ch 1+5-11	7el	Yagi	76.95
120	Ch 1+5	5el	Yagi	64.70
121	Ch 1+5	8el	Yagi	79.55
116	Ch 1+7-9	7el	Yagi	76.25
117	Ch 1+7-9	8el	Yagi	81.80
125	Ch 1+7-9 (STINGRAY THETA)	13el	LPY	103.05
CARAVAN AERIALS				
118	Ch 1-11	3el	Yagi	64.40
123	AERIAL & INSTALLATION KIT COMPLETE (See Page 6 for further detail)			128.65

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V H F A E R I A L S

CODE	MODEL		TYPE	Excl GST TRADE $
201	Ch 2	3el	Yagi	54.20
202	Ch 2	4el	Yagi	70.20
220	Ch 2+4	6el	Yagi	65.30
221	Ch 2+4	8el	Yagi	75.40
205	Ch 2+4-7	5el	Yagi	67.60
206	Ch 2+4-7	7el	Yagi	74.75
211	Ch 2+4-11	7el	Yagi	74.75
212	Ch 2+4-11	11el	Log/Yagi	101.20
203	Ch 2+7	6el	Yagi	70.15
204	Ch 2+7	8el	Yagi	80.45

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V H F A E R I A L S

CODE	MODEL		TYPE	Excl GST TRADE $
301	Ch 3	3el	Yagi	52.70
325	Ch 3	4el	Yagi	66.30
302	Ch 3	5el	Yagi	100.60
307	Ch 3+4-11	11el	Log/Yagi	99.00
320	Ch 3+5	6el	Yagi	62.55
321	Ch 3+5	8el	Yagi	73.60
306	Ch 3+5-11	7el	Yagi	72.60
308	Ch 3+6-8	3el	Yagi	39.80
309	Ch 3+6-8	5el	Yagi	55.65
310	Ch 3+6-8 *(Ro75)	6el	Yagi	78.30
311	Ch 3+6-8	8el	Yagi	75.10
316	Ch 3+6-8	11el	Yagi	122.05
317	Ch 3+6-8 *(Ro75) Stingray 1	10el	Log	76.95
312	Ch 3+9	3el	Yagi	39.80
313	Ch 3+9	5el	Yagi	65.65
314	Ch 3+9	7el	Yagi	74.15
315	Ch 3+7-9	10el	Log	85.00

*Ro75 AERIALS Require a special Balun which is supplied with Aerial.

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V H F A E R I A L S

CODE	MODEL		TYPE	Excl GST TRADE $
401	Ch 4-6	3el	Yagi	30.95
402	Ch 4-6	6el	Yagi	46.15
403	Ch 4-6	8el	Yagi	54.90
404	Ch 4-7	6el	Yagi	46.15
405	Ch 4-7	8el	Yagi	54.90
406	Ch 4-11	3el	Yagi	32.40
407	Ch 4-11	6el	Yagi	45.05
408	Ch 4-11	8el	LPDA	50.05
409	Ch 4-11	11el	LPDA	75.00
410	Ch 4-11	13el	LPDA	94.60
411	Ch 5-7	3el	Yagi	31.00
412	Ch 5-7	6el	Yagi	46.15
413	Ch 5-7	8el	Yagi	54.90
414	Ch 6-8	3el	Yagi	30.95
415	Ch 6-8	6el	Yagi	46.15
416	Ch 6-8	8el	Yagi	54.90

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V H F A E R I A L S

CODE	MODEL		TYPE	Excl GST TRADE $
430	Ch 6-10	5el	Yagi	40.70
417	Ch 6-10	6el	Yagi	46.15
418	Ch 6-10	8el	Yagi	54.90
419	Ch 7-9	3el	Yagi	30.95
420	Ch 7-9	6el	Yagi	46.15
421	Ch 7-9	8el	Yagi	54.90
422	Ch 7-11	6el	Yagi	46.15
423	Ch 7-11	8el	Yagi	54.90
424	Ch 8-10	3el	Yagi	31.00
425	Ch 8-10	6el	Yagi	46.15
426	Ch 8-10	8el	Yagi	54.90
427	Ch 9-11	3el	Yagi	30.95
428	Ch 9-11	6el	Yagi	46.15
429	Ch 9-11	8el	Yagi	54.90
431	Ch 11	5el	Yagi	35.55
809	Rabbit Ears			14.80

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V H F A E R I A L S

CODE			Excl GST TRADE $
C A R A V A N A E R I A L / A C C E S S O R I E S			
118	Ch 1-11 / 3el		64.40
623	Three piece mast		22.00
625	Mounting bracket		19.90
122	Caravan cable kit		19.95
	contains:-	8 metres cable PL75M connector Balun	
123	Caravan Kitset		128.65
	contains:-	Aerial Three piece mast Mounting bracket Caravan cable kit Mast clips	

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F M A E R I A L S 88 - 100 M H Z

Horizontal or Slant Mount

CODE	MODEL	TYPE	Excl GST TRADE $
501	FM 1 Dipole		
502	FM 3 3 Element	Yagi	29.05
503	FM 5 5 Element	Yagi	43.85
516	FM 6 6 Element	Yagi	48.40
517	FM + TV6-10 / 7elements		48.40
	T E L E M E T R Y G R O U N D P L A N E (35 M H Z)		
504	GP 1		54.90
	C B A E R I A L S (26 - 27 M H Z 50 O H M)		
505	CB 1		68.65
	R A D I O T E L E P H O N E Y A G I S		
506	RTV 4 (VHF) 4 Element		*POA
507	RTV 5 (VHF) 5 Element		*POA
508	RTU10 (UHF) 10 Element		*POA
	R A D I O T E L E P H O N E D I P O L E S		
509	RTV 200 (VHF)		*POA
510	RTV 200 (UHF)		*POA

* Designed to requirements and frequency

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U H F A E R I A L S CH 27 - 62

CODE	MODEL	TYPE	Excl GST TRADE $
801	CA8	Colinear Array	35.00
802	CA8 c/w 300mm boom	Colinear Array	39.00
803	CA8 Indoor	Colinear Array	50.65
804	CAY18 (High Gain)	Colinear Array / Yagi	50.00
805	CAY36 (2x CAY18 stacked)	Colinear Array / Yagi	104.00
806	Long Tom	Yagi	85.00 Net
807	CA8 ext boom		35.00
643	Boom Adaptor		2.00
642	UHF Standoff		9.65
644	Rubber Boots (UHF)		0.40
808	CAY18 Mod Kit		15.00

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U H F A E R I A L K I T S

CODE	MODEL	TYPE	Excl GS TRADE $
810	KIT 1	CA8 Basic Kit	50.75
	contains:-	Indoor Diplexer 12m Coax c/w 'F' & PL75M 3 Coax mast clips Instruction set	
812	KIT 2	CA8 Add-on kit	50.90
	contains:-	EU385 diplexer 1m Coax + 'F' connector Instruction set	
813	KIT 3	CA8 VHF Add-on	59.70
	contains:-	Long boom CA8 EU385 / Bal 2 wired in Instruction set	
814	KIT 4	CA8 Indoor	58.85
	contains:-	Indoor CA8 aerial Indoor diplexer Instruction set	
815	KIT 5	CAY18 Basic Kit (High-Gain)	75.80
	contains:-	Indoor diplexer 15m RG6U Coax 3 Coax clips Instruction set	
816	KIT 6	CAY18 Add on Kit (High-Gain)	75.00
	contains:-	DPOUV-1 diplexer 1m Coax + 'F' connector Instruction set	

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A C C E S S O R I E S

CODE	DESCRIPTION	Excl GST TRADE $	
	Splitters		
EU222	Splitter 2 way (SP275S)	3.90	
EU223	Splitter 3 way	5.75	
EU224	Splitter 4 way (SP475S)	6.25	
1001	Splitter c/w plug	2.05	
1002	Splitter c/w plug	2.05	
1003	Splitter c/w plug	2.35	
1004	Splitter c/w plug	2.25	
2SPF	MMT Splitter 2 way F connector	16.65	Net
4SPF	MMT Splitter 4 way F connector	27.60	Net
DM04	WISI Splitter 4 way F connector	27.30	Net
DM02	WISI Splitter 2 way F connector	16.10	Net
	Directional Taps		
DM33	WISI 2 way Tap	28.00	Net
1DC9F	MMT 1 way 9db F connector	17.80	Net
1DC12F	MMT 1 way 12db F connector	17.80	Net
1DC16F	MMT 1 way 16db F connector	17.80	Net
2DC9F	MMT 2 way 9db F connector	24.35	Net
2DC12F	MMT 2 way 12db F connector	24.35	Net
2DC16F	MMT 2 way 16db F connector	24.35	Net
4DC9F	MMT 4 way 9db F connector	33.55	Net
4DC12F	MMT 4 way 12db F connector	33.55	Net
4DC16F	MMT 4 way 16db F connector	33.55	Net
1020	A/B Switch	3.55	
1021	A/B Switch c/w cable	5.50	
5018	One Ear only	1.55	
VS100	Video Sender	66.80	

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A C C E S S O R I E S

CODE	DESCRIPTION	Excl GST TRADE $	
	RCA Type		
LD3042A	RCA Plug to 2 RCA Socket	1.90	
3013	RCA Plug / BNC Jack Adaptor	1.75	
3017	RCA Plug / UHF Jack Adaptor	2.10	
	Belling - Lee		
1037	Adaptor Male to Male (AD75MM)	1.00	
1038	Adaptor Female to Female (AD75FF)	1.05	
1039	Adaptor 9.5mm Male RCA Jack	1.40	
1041	Coaxial Plug (PL75M)	1.10	
1042	Coaxial Socket (SK75M)	1.15	
1040	Adaptor 9.5mm Female to RCA Jack	1.85	
2340	PCB Mount Socket	0.50	
7101	PCB Mount Plug	0.40	
	Wall Plates		
1009	Single Outlet Box (SKO2 / COBB 2)	1.85	
1010	Double Outlet Box	2.90	
1011	Wall Outlet Plate (Complete)	3.45	
537	PDL Wall Mounting Black	2.60	Net
581VH	PDL Single Plate (STD)	2.80	Net
582VH	PDL Double Plate (STD)	2.80	Net
509M	PDL TV/FM Splitter	16.45	Net
528M	PDL TV Outlet	4.40	Net
144	PDL Flush Box Plastic	0.65	Net
529M	PDL FM Outlet	4.40	Net

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A C C E S S O R I E S

CODE	DESCRIPTION	Excl GST TRADE $
5024	2RCA - 2RCA	3.20
AL150	2RCA - 1RCA	4.05
5006	RCA - RCA	2.85
5013	Plug - Socket Flylead	2.65
5014	Plug - Plug Flylead	2.40
1001	2 Way Plug Type Splitter	2.05
1037	Male to Male Adaptor	1.00
1038	Adaptor Female to Female (AD75FF)	1.05
3010	BNC - RCA Adaptor	1.50
3025	RCA - RCA Adaptor	1.30

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A C C E S S O R I E S

CODE	DESCRIPTION	Excl GST TRADE $
	BNC Connectors	
3002	BNC Connector	2.05
3040	BNC Three Female, T Adaptor	4.45
3039	BNC Double Female to Single Male Adaptor	4.75
3024	BNC Jack / BNC Jack Adaptor	1.85
3034	BNC Jack Connector	1.70
3041	BNC Male to Female, Right Angle Adaptor	4.35
3007	BNC Plug / F Jack Adaptor	2.25
3010	BNC Plug / RCA Jack Adaptor	1.50
3030	BNC Plug / N Jack Adaptor	4.25
3029	BNC Jack / N Jack Adaptor	4.45
3042	BNC for RG213	2.60
	'N ' Connectors	
3015	N Plug / BNC Jack Adaptor	4.75
3005	N Connector	5.00
3019	N Plug / UHF Jack Adaptor	4.75
3031	N In Line Jack For RG-8U Cable	4.45
3022	N Plug / N Plug Adaptor	5.25
3035	N Jack Chassis Connector	3.15
3036	N Jack Connector	5.10
N-322	N Type Jack to Jack	5.25

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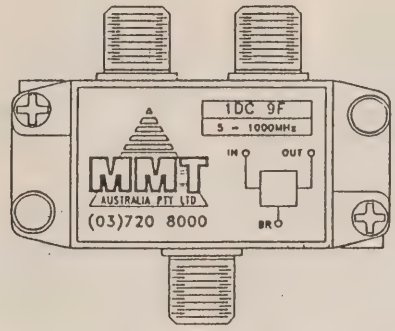
A C C E S S O R I E S

CODE	DESCRIPTION	Excl GST TRADE $
	UHF Connectors	
3026	UHF Jack / BNC Jack Adaptor	2.95
3001	UHF Connector	2.05
3032	UHF Jack Chassis Connector	1.60
3033	UHF Jack Connector	1.70
3023	UHF Plug / UHF Jack Adaptor	1.85
	'F' Type Connectors	
EF322	'F' Socket - B/L Socket	1.75
EF321A	'F' Plug - B/L Socket	1.85
4000	RG11 F Connector	3.70 net
4001	RG6 Connector (separate ring)	.35
4002	RG59 Connector (separate ring)	.30
4004	RG6 Connector (ring attached)	.45
4005	RG59 Connector (ring attached)	.40
3004	Twist on Coaxial cable 'F' Connector	.40
4009	Female Chassis Mount	.60
3027	'F' Jack / BNC Jack Adaptor	2.00
4006	75 ohm Terminator - 'F' Type	.40
4011	'F' Splice	.40
4012	'F' Male to 'F' Female - Push on connector	.90

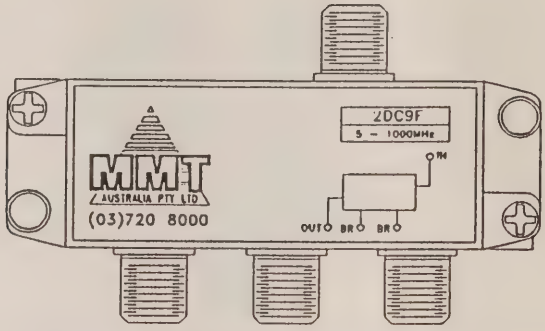
1 WAY DIRECTIONAL COUPLER



ITEMS	SPECIFICATIONS FOR 1 WAY DIRECTIONAL COUPLERS					
VALUE	1DC9F	1DC12F	1DC16F	1DC20F	1DC24F	1DC27F
ISOLATION 5-400MHz min	36 dB	36 dB	40 dB	40 dB	40 dB	40 dB
ISOLATION 400-900MHz min	36 dB	36 dB	40 dB	40 dB	40 dB	40 dB
RETURN LOSS	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB
TAP LOSS max	± 1 dB	± 1 dB	± 1 dB	± 1 dB	± 1 dB	± 1 dB
THRU LOSS VHF	1 dB	1 dB	0.7 dB	0.5 dB	0.5 dB	0.5 dB
THRU LOSS UHF	1.5 dB	1.5 dB	1.3 dB	1 dB	1 dB	1 dB
TAP TO OUT ISOLATION VHF	24 dB	32 dB	32 dB	40 dB	45 dB	45 dB
TAP TO OUT ISOLATION UHF	24 dB	30 dB	30 dB	40 dB	45 dB	45 dB
BANDWIDTH	5 TO 1000 MHz					
IMPEDANCE	75 Ω ALL PORTS "F" TYPE					
RFI min	100 dB					
HUM	- 50 dB					
OPTIONS	IN PORT TO OUT PORT POWER PASSING AC/DC 2 AMP @ 60V					
DIMENSIONS	24 mm HIGH X 53 mm WIDE X18 mm DEEP					
WEIGHT	0.05 Kg					

MMT AUSTRALIA

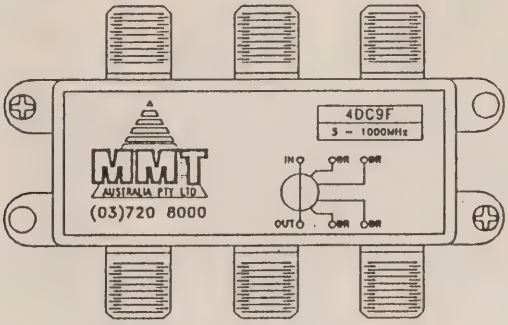
2 WAY DIRECTIONAL COUPLER



ITEMS	SPECIFICATIONS FOR 2 WAY DIRECTIONAL COUPLERS					
VALUE	2DC9F	2DC12F	2DC16F	2DC20F	2DC24F	2DC27F
ISOLATION 5-400MHz min	36 dB	36 dB	40 dB	40 dB	40 dB	40 dB
ISOLATION 400-900MHz min	36 dB	36 dB	40 dB	40 dB	40 dB	40 dB
RETURN LOSS	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB
TAP LOSS max	± 1 dB	± 1 dB	± 1 dB	± 1 dB	± 1 dB	± 1 dB
THRU LOSS VHF	3 dB	1.5 dB	1 dB	1 dB	1 dB	1 dB
THRU LOSS UHF	4 dB	2 dB	2 dB	1.5 dB	1.5 dB	1.5 dB
TAP TO OUT ISOLATION VHF	24 dB	32 dB	32 dB	40 dB	45 dB	45 dB
TAP TO OUT ISOLATION UHF	24 dB	30 dB	30 dB	40 dB	45 dB	45 dB
BANDWIDTH	5 TO 1000 MHz					
IMPEDANCE	75 Ω ALL PORTS "F" TYPE					
RFI min	100 dB					
HUM	- 50 dB					
OPTIONS	IN PORT TO OUT PORT POWER PASSING AC/DC 2 AMP @ 60V					
DIMENSIONS	24 mm HIGH X 74 mm WIDE X18 mm DEEP					
WEIGHT	0.075 Kg					

MMT AUSTRALIA

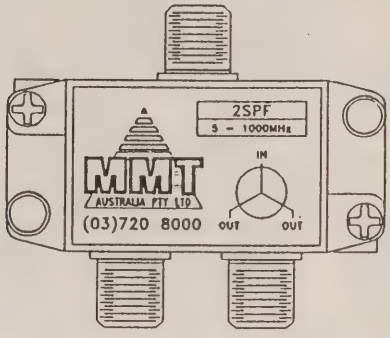
4 WAY DIRECTIONAL COUPLER



ITEMS	SPECIFICATIONS FOR 4 WAY DIRECTIONAL COUPLERS					
VALUE	4DC9F	4DC12F	4DC16F	4DC20F	4DC24F	4DC27F
ISOLATION 5-400MHz min	36 dB	36 dB	40 dB	40 dB	40 dB	40 dB
ISOLATION 400-900MHz min	36 dB	36 dB	40 dB	40 dB	40 dB	40 dB
RETURN LOSS	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB
TAP LOSS max	± 1 dB	± 1 dB	± 1 dB	± 1 dB	± 1 dB	± 1 dB
THRU LOSS VHF	4 dB	3 dB	2 dB	2 dB	1.5 dB	1.5 dB
THRU LOSS UHF	4.5 dB	4 dB	2.5 dB	2.5 dB	2 dB	2 dB
TAP TO OUT ISOLATION VHF	24 dB	32 dB	32 dB	40 dB	45 dB	45 dB
TAP TO OUT ISOLATION UHF	24 dB	30 dB	30 dB	40 dB	40 dB	45 dB
BANDWIDTH	5 TO 1000 MHz					
IMPEDANCE	75 Ω ALL PORTS "F" TYPE					
RFI min	100 dB					
HUM	- 50 dB					
POWER PASS	IN PORT TO OUT PORT POWER PASSING AC/DC 2 AMP @ 60V					
DIMENSIONS	22 mm HIGH X 91 mm WIDE X61 mm DEEP					
WEIGHT	0.125 Kg					

MMT AUSTRALIA

2, 3 AND 4 WAY SPLITTERS



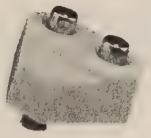
ITEMS	SPECIFICATIONS FOR 2, 3 AND 4 WAY SPLITTERS		
VALUE	2SPF	3SPF	4SPF
ISOLATION 5-400MHz min	24 dB	24 dB	24 dB
ISOLATION 400-900MHz min	24 dB	24 dB	24 dB
RETURN LOSS VHF min	20 dB	20 dB	20 dB
RETURN LOSS UHF min	20 dB	20 dB	20 dB
INSERTION LOSS VHF max	3.4 dB	5 dB	6 dB
INSERTION LOSS UHF max	3.9 dB	6 dB	7 dB
BANDWIDTH	5 TO 1000 MHz		
IMPEDANCE	75 Ω ALL PORTS "F" TYPE		
RFI min	100 dB		
HUM	- 50 dB		
OPTIONS	IN PORT TO OUT PORT POWER PASSING AC/DC 2 AMP @ 60V		
DIMENSIONS	24 mm HIGH X 53 mm WIDE X18 mm DEEP (2SPF) 24 mm HIGH X 74 mm WIDE X 18 mm DEEP (4SPF)		
WEIGHT	0.05 Kg (2SPF) 0.075 Kg (4SPF)		

MMT AUSTRALIA

MATV/CATV/VCR System Accessories

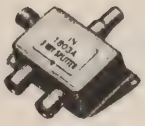
1
r Splitter

1002
2 Way Splitter



1003
2 Way Splitter

1004
2 Way Splitter

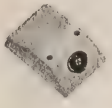


1005
3 Way Splitter

1006
4 Way Splitter

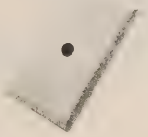
'7
y Splitter

1008
6 Way Splitter

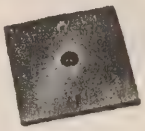


1009
Single Outlet Box,
One In One Out

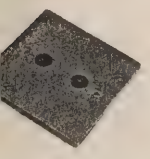
1010
Double Outlet Box,
One In Two Out



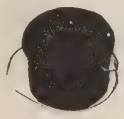
1011
Wall Outlet Plate



1012
Single Outlet Plate,
One In One Out



'3
le Outlet Plate,
In Two Out



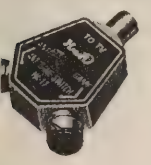
1014
Matching Transformer

1015
Matching Transformer

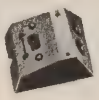
1016
Matching Transformer

1017
Matching Transformer

1018
A/B Switch With 3FT Cable

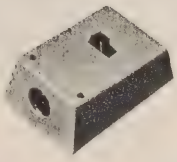


'9
witch

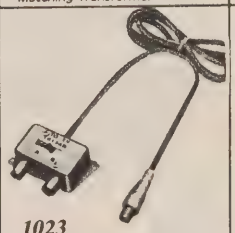


1020
A/B Switch

1021
A/B Switch with 3Ft. Cable

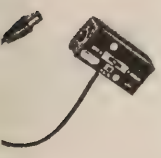


1022
A/B Switch



1023
A/B Switch with 3Ft. Cable

1024
A/B Switch with 3Ft. Cable



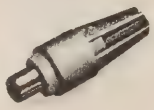
'5
Game Switch with 1Ft.

1026
Video Game Switch with 1Ft.
Cable

1027
Matching Transformer

1028
European Plug 9.5mmϕ

1029
European Socket 9.5mmϕ



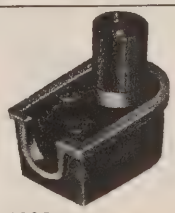
1030
European Plug 9.5mmϕ

'1
pean Socket 9.5mmϕ

1032
European Plug 9.0mmϕ

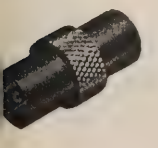
1033
European Socket 9.0mmϕ

1034
European Plug 9.5mmϕ



1035
European Socket 9.5mmϕ

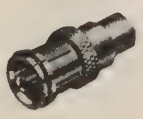
1036
European Plug 9.5mmϕ



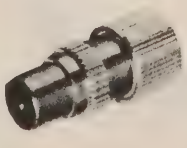
'7
ean Adaptor Male To Male

1038
European Adaptor Female To
Female

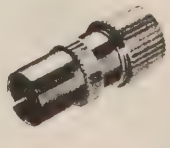
1039
European Adaptor 9.5mm Male To
RCA Jack



1040
European Adaptor 9.5mm Female
To RCA Jack



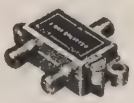
1041
Coaxial Plug



1042
Coaxial Socket

MATV/CATV/VCR System Accessories

2011
2 Way Splitter



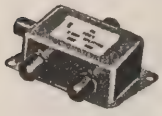
2012
2 Way Splitter

2013
3 Way Splitter

2014
4 Way Splitter

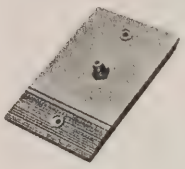
2015
2 Way Splitter

2016
2 Way Splitter



2017
3 Way Splitter

2018
4 Way Splitter

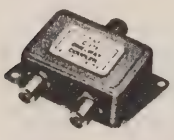


2019
Coaxial Cable Wall Plate

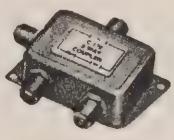
2020
Matching Transformer

2021
Signal Combiner
75 ohm VHF, 300 ohm UHF

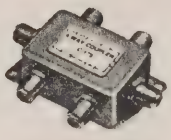
2022
Signal Combiner
300 ohm VHF, 300 ohi



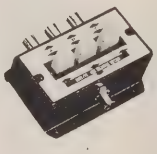
2023
Directional Tap,
One In One Out One Tap



2024
Directional Tap,
One In One Out Two Tap



2025
Directional Tap,
One In One Out Four Tap



2026
TV/VIDEO/GAME Switch

2027
A/B Switch
75/75/300 ohm

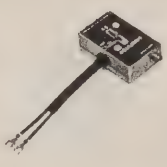
2028
A/B Switch
75/300/300 ohm

2029
Indoor Matching Transformer

2030
Outdoor Matching Transformer

2031
Outdoor Matching Transformer
Clamp Type

2032
Indoor Matching Transformer
Push-On Type

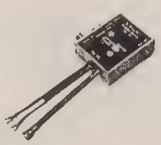


2033
Video Game Switch
300 ohm

2034
Video Game Switch
75 ohm

2035
Video Game Switch
300 ohm

2036
Video Game Switch
75/300 ohm



2037
Video Game Switch
75/300 ohm

2038
A/B Switch
75/75/75 ohm

2039
UHF / VHF Band Separator
75 ohm - 75 / 75 ohm

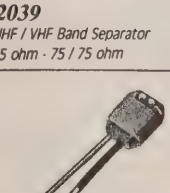
2040
UHF / VHF / FM Band Separ
300 ohm — 75 / 300 / 300

2041
UHF / VHF Band Separator
75 ohm — 300 / 300 ohm

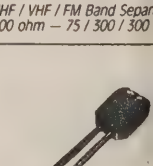
2042
UHF / VHF Band Separator
300 ohm — 300 / 300 ohm

2043
UHF / VHF / FM Band Seperator
75 ohm - 300 / 300 / 300 ohm

2044
UHF / VHF / FM Band Separator
300 ohm — 300 / 300 / 300 ohm



2045
UHF / VHF Band Separator
300 ohm — 75 / 300 ohm



2046
UHF / VHF Band Separator
300 ohm — 75 / 75 ohm

2047
UHF / VHF Band Separator
75 ohm — 75 / 300 ohm

2048
UHF / VHF / FM Band Separator
75 ohm — 75 / 300 / 300 ohm

2049
Antenna Clip

2050
Quick Wall Receptacle

2051
Crimping Tool

2052
Coaxial Cable Stripper

N Type/F Type/BNC/UHF Connectors

001
Connector

3002
BNC Connector

3003
RCA Connector

3004
Twist-On Coaxial Cable "F" Connector

3005
N Connector

3006
UHF Plug/F Jack Adapter

3007
Plug/F Jack Adapter

3008
RCA Plug/F Jack Adapter

3009
UHF Plug/RCA Jack Adapter

3010
BNC Plug/RCA Jack Adapter

3011
F Plug/RCA Jack Adapter

3012
UHF Plug/BNC Jack Adapter

3013
Plug/BNC Jack Adapter

3014
F Plug/BNC Jack Adapter

3015
N Plug/BNC Jack Adapter

3016
BNC Plug/UHF Jack Adapter

3017
RCA Plug/UHF Jack Adapter

3018
F Plug/UHF Jack Adapter

3019
Plug/UHF Jack Adapter

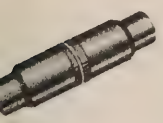
3020
UHF Plug/UHF Plug Adapter

3021
BNC Plug/BNC Plug Adapter

3022
N Plug/N Plug Adapter

3023
UHF Jack/UHF Jack Adapter

3024
BNC Jack/BNC Jack Adapter



3025
Jack/RCA Jack Adapter

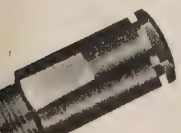
3026
UHF Jack/BNC Jack Adapter

3027
F Jack/BNC Jack Adapter

3028
UHF Plug/BNC Plug Adapter

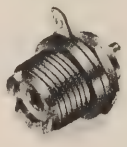
3029
BNC Jack/N Jack ADapter

3030
BNC Plug/N Jack Adapter



3031
Line Jack for RG-8U Cable

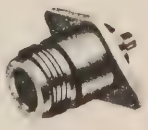
3032
UHF Jack Chassis Connector



3033
UHF Jack Connector

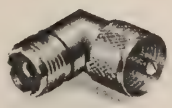
3034
BNC Jack Connector

3035
N Jack Chassis Connector



3036
N Jack Connector

3037
F Double Female to Single Male Adapter



3038
UHF Male to Female, Right Angle Adapter

3039
BNC Double Female to Single Male Adapter

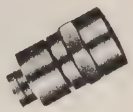
3040
BNC Three Female, T-Adapter

3041
BNC Male to Female, Right Angle Adapter

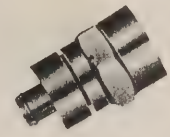
4001
RG-6 Connector with Separate Ring

4002
RG-59 Connector with Separate Ring

4003
RG-58 Connector with Separate Ring



4004
RG-6 Connector with Ring Attached



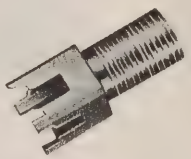
4005
RG-59 Connector with Ring Attached

4006
75 ohm Terminator

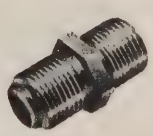
4007
Female Chassis Mount

4008
Female Chassis Mount

4009
Female Chassis Mount



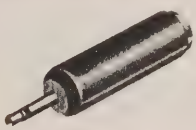
4010
F Seal Type Contact Chassis Connector for PCB



4011
Double Female Splice 21.5mm Long

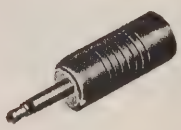
4012
F Male to F Female Pu Connector

4013
Grounding Block



4014
Stereo/Mono Adaptor
3.5mm Plug/6.3mm Stereo Jack

4015
Stereo Adaptor
3.5mm Stereo Plug/
6.3mm Stereo Jack



4016
Stereo/Mono Adaptor
3.5mm Plug/3.5mm Stereo Jack

4017
Stereo/Mono Adaptor
3.5mm Stereo Plug/3.5mm Jack

4018
Stereo/Mono Adaptor
6.3mm Stereo Plug/3.5

4019
Stereo Adaptor
6.3mm Stereo Plug
3.5mm Stereo Jack

4020
Audio Adaptor
3.5mm Plug/RCA Jack

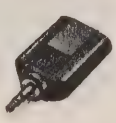
4021
Audio Adaptor
6.3mm Plug/RCA Jack

4022
Audio Adaptor
RCA Plug/3.5mm Jack

4023
Audio Adaptor
RCA Plug/6.3mm Jack

4024
Audio Adaptor
RCA Plug/6.3mm Stereo

4025
Audio Adaptor
RCA Jack/RCA Jack



4026
Audio Adaptor
3.5mm Stereo Plug/
2×3.5mm Stereo Jack

4027
Audio Adaptor
6.3mm Stereo Plug/
2×6.3mm Stereo Plug

4028
Audio Plug
6.3mm Stereo Plug

4029
Audio Plug
6.3mm Mono Plug

4030
Audio Plug
3.5mm Stereo Plug

4031
Audio Plug
3.5mm Mono Plug

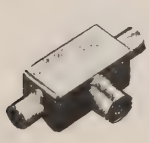
4032
Audio Plug
RCA Phone Plug

4033
Coaxial Plug

4034
Coaxial Socket

4035
Coaxial Inline Connector

4036
Attenuator
3,6,12,18,24 dB



4037
2 Way TV Splitter

4038
Coaxial Angle Plug

4039
2 Way Splitter

4040
2 Way Splitter
metal case

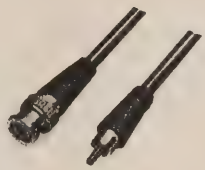
4041
4 Way Splitter
metal case

4042
UHF/VHF Separator

Audio/Video/Satellite Cable Accessories

) to BNC Plug
3/6/12/25 Ft.

5002
BNC Plug to PL-259 Plug
Length: 3/6/12/25 Ft.



5003
BNC Plug to RCA Phono Plug
Length: 3/6/12/25 Ft.

5004
PL-259 Plug to PL-259 Plug.
Length: 3/6/12/25 Ft.

5005
PL-259 Plug to RCA Phono Plug
Length: 3/6/12/25 Ft.

5006
RCA Phono Plug to RCA Phono Plug
Length: 3/6/12/25 Ft.

Mono Plug to RCA Phono
3/6/12/25 Ft.

5008
Video/Audio Cable
RCA to RCA Video Cable
RCA to RCA Audio Cable
Length: 3/6/12/25 Ft.

5009
F Plug to F Plug
Length: 3/6/12/25 Ft.

5010
F Plug to F Plug Push on Type
Length: 3/6/12/25 Ft.

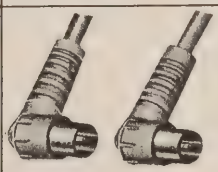
5011
F Plug to F Plug Right Angle
Push on Type to Screw Type
Length: 3/6/12/25 Ft.

5012
F Plug to F Plug Right Angle
Push on Type
Length: 3/6/12/25 Ft.

European Plug to Socket
3/6/12/25 Ft.

5014
9.5mm European Plug to Plug
Length: 3/6/12/25 Ft.

5015
9.5mm European Plug to Plug
Angle Type
Length: 3/6/12/25 Ft.



5016
9.5mm European Plug to Socket
Angle Type
Length: 3/6/12/25 Ft.

5017
Camera Video Cable 10 Pin Plug
to Socket for VHS System
Length: 10M

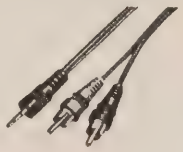
5018
Earphone
Length. 1M, 6M

one Plug Each End
6Ft

5020
3.5mm Mono Plug Each End
Length: 6Ft

5021
2×RCA Phono Plug to 2.5mm
Mono Plug
Length: 6Ft

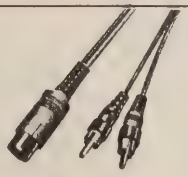
5022
2×RCA Phono Plug to 3.5mm
Mono Plug
Length: 6Ft



5023
2×RCA Phono Plug to 3.5mm
Stereo Plug
Length: 6 Ft

5024
2×RCA Phono Plug to 2×RCA
Phono Plug
Length. 6 Ft

Phono Plug to 3.5mm
lug ×2
6Ft



5026
5 Pin Din Plug to 2×RCA Phono
Plug.
Length: 6Ft

5027
5 Pin Din Plug to 3.5mm Mono
Plug ×2
Length: 12 Ft

5028
5 Pin Din Plug to 3.5mm Mono
Plug ×2, 2.5mm Mono Plug ×1
Length: 12 Ft

5029
5 Pin Din Plug to 5 Pin Din Plug
Length: 6Ft

5030
5 Pin Din Plug to 4×RCA Phono
Plug
Length. 6Ft

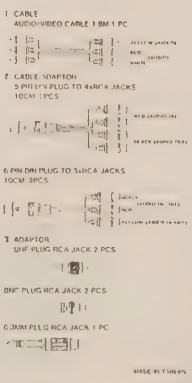
Phono Plug to 4×RCA
Plug
6Ft

5032
Microphone Extention Cord.
Length: 5 M

5033
VCR TO TV Switchable cable
Balum

EU385
VHF/UHF Mixer

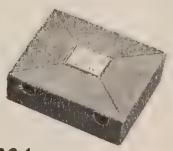
VHC1
Video Head Cleaner


1 CABLE
AUDIO/VIDEO CABLE 1.8M 1 PC
2 CABLE ADAPTION
5 PIN DIN PLUG TO 4xRCA JACKS
10CM 1 PCS
6 PIN DIN PLUG TO 5xRCA JACKS
10CM 2PCS
3 ADAPTOR
UHF PLUG RCA JACK 2 PCS
BNC PLUG RCA JACK 2 PCS
6.3MM PLUG RCA JACK 1 PC

00
Sender

265
Coaxial A/B Switch

222
2 Way Splitter



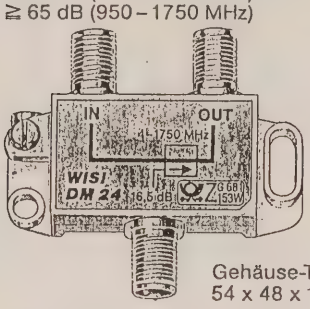
224
4 Way Splitter

VDK2
Video Dubbing Kit

DM –

Abzweiger
in
F-Anschlußtechnik
75 Ohm

Schirmungsmaß
entspricht VDE 0855 Teil 10
≧ 75 dB (4 – 470 MHz)
≧ 65 dB (470 – 950 MHz)
≧ 65 dB (950 – 1750 MHz)

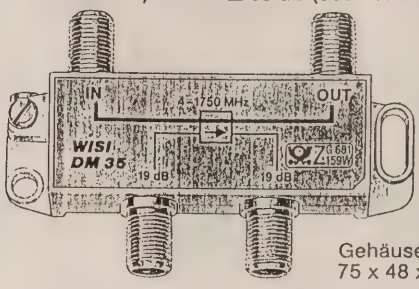


Gehäuse-Typ A:
54 x 48 x 18 mm

Tee-units
F-connector
technic
75 ohms

Screening factor

≧ 75 dB (4 – 470 MHz)
≧ 65 dB (470 – 950 MHz)
≧ 65 dB (950 – 1750 MHz)



Gehäuse-Typ B:
75 x 48 x 18 mm

Répartiteurs,
raccords tech-
nique F pour
75 ohms

Susceptibilité

≧ 75 dB (4 – 470 MHz)
≧ 65 dB (470 – 950 MHz)
≧ 65 dB (950 – 1750 MHz)

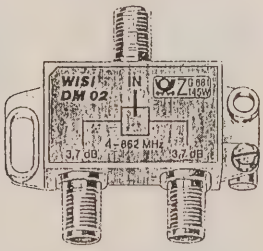
Maße incl. Buchse
Dimensions incl. socket
Dimensions boîtier compris

	Frequenzbereich *Frequency* Bande MHz	Durchgangsdämpfung *Thru loss* Atténuation de passage dB	Abzweigdämpfung *Side loss loss* Atténuation de dérivation dB	Richtdämpfung *Directional attenuation* Atténuation directionelle dB	Entkopplung zwischen den Ausgängen oder Abzweigen *Isolation between outputs or taps* Protection entre sorties ou dérivations dB	Gehäuse-Typ *Housing type* Boîtier type
DM 23 1-fach	450 862 1750	0,5 0,7 1,3	14,0	> 30 > 30 > 20	– – –	A
DM 33 2-fach	450 862 1750	1,0 1,2 2,4	14/15	> 30 > 30 > 20	> 44 > 44 > 34	B

DM –

Verteiler
in
F-Anschlußtechnik
75 Ohm

Schirmungsmaß
entspricht VDE 0855 Teil 10
≧ 75 dB (4 – 470 MHz)
≧ 65 dB (470 – 950 MHz)
≧ 65 dB (950 – 1750 MHz)

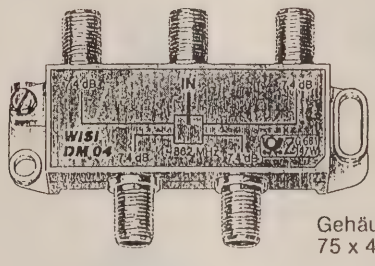


Gehäuse-Typ A:
54 x 48 x 18 mm

Splitters
F-connector
technic
75 ohms

Screening factor

≧ 75 dB (4 – 470 MHz)
≧ 65 dB (470 – 950 MHz)
≧ 65 dB (950 – 1750 MHz)



Gehäuse-Typ B
75 x 48 x 18 m

Répartiteurs
raccords tech-
nique F pour
75 ohms

Susceptibilité

≧ 75 dB (4 – 470 MHz)
≧ 65 dB (470 – 950 MHz)
≧ 65 dB (950 – 1750 MHz)

Maße incl. Buchse
Dimensions incl. socket
Dimensions boîtier compris

Verteiler / Splitters / Répartiteurs

DM 02 2-fach	4 – 450 450 – 862	– –	3,2 3,7	– –	≧ 20 ≧ 22	A
DM 04 4-fach	4 – 450 450 – 862	– –	7,0 7,4	– –	≧ 20 ≧ 22	B

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

A C E S S O R I E S

ODE	DESCRIPTION	Excl GST TRADE $
	TEE	
TF	'F' Adaptor 3 Way	2.75
522	'N' Adaptor	5.25
	DIPLEXERS	
U385	UHF/VHF - Lincrad	9.15
004CL	Indoor Type	4.95
U226	Triplexer	12.00
IN139	CH 1 & CH 3 + 9 Filter	29.00 Nett
051	Indoor type	3.55
047	UHF/VHF F Conn	3.75
27	Hi/Lo coupler Lincrad	11.00 Nett
28	HI/Lo coupler DC Pass Lincrad	15.00 Nett
	ATTENUATORS	
036/6	6dB Belling Lee & F Conn	4.25
036/12	12dB " " " "	4.25
036/18	18dB " " " "	4.25
U296B	Attenuator Variable	8.00
	TOOLS	
051	Crimp Tool	43.00
052	Coax Cable Stripper	35.50

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

H A R D W A R E

CODE	DESCRIPTION		Excl GST TRADE $
	Caravan Aerial Hardware		
623	Three Piece Mast		22.00
625	Mounting Bracket		19.90
	Baluns		
679	UHF Stripline matching transformer for Lincrad CA8/CAY Aerials		6.50
615	Lincrad 4:1		10.05
616	Lincrad 1:1		10.05
617	D C Passing Type		12.60
618	Lincrad 4:1 F		6.00 Net
619	Connector Balun		10.05
624	Lincrad 1:1 F		6.00 Net
1017	Belling Lee With 2 Spade Connect		1.60
626	D C Pass Balun F		15.00 Net
1027	Quick Rig Type	(BAL 5)	2.70
2030	'F' Connector Type	(BAL 2)	1.60
2031	Crimp Type	(BAL 3)	2.10
2032	Indoor Type		1.60
1015	Set Balun		1.15
	Radio Telephone Baluns		
513	With RG58	(BAL 6)	TBA
514	With RG213	(BAL 7)	TBA

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

H A R D W A R E

ODE	DESCRIPTION	Excl GST TRADE $
	Facia Mounts	
7	0.5m Galv	6.30
6	0.9m Galv	8.40
9	1.0m Galv	8.60
0	1.2m Galv	9.30
1	1.5m Galv	11.40
2	2.0m Galv	12.90
3	2.5m Galv	19.10
4	3.0m Galv	21.45
6	Chimney Mount (Galv)	20.40
/w	'J' Bolts + 3.0m Galv Rigging Wire & Corner Protectors)	
4	Roof Angle Brackets (Galv)	13.90
7	Ridge Mount (Galv) with 1.2m Mast	12.90
9	Ridge Mount Base	17.40
1	Eave Mount (Galv)	7.50
-	Wall Mount (Galv) Short	7.00
2	Wall Mount (Galv) Long	9.00
3	Mast Extension 1.0m (Galv)	5.85
	Mast Extension Lincrad	12.40
	Jigger Boom 500mm Long	8.50
	Jigger Boom 300mm Long	7.60
	Stand - Offs Centre Mounted	8.95
	25.4 x 1.15 Galv Tube (standoffs)	2.60/m Nett

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

H A R D W A R E

CODE	DESCRIPTION		Excl GST TRADE $
	Screws		
698	6 gauge x 3/4" pk c/sink BZP	per/10	.60
699	6 gauge x 1/2" pk c/sink BZP	per/10	.50
703	3/16" x 1 3/4 Round Head BZP	per/10	1.30
697	3/16" x 2" Round Head BZP	per/10	1.30
696	3/16" x 1 3/8" Hex Head with Washer	per/10	.60
692	3/16" x 1 3/4" Hex Head with Washer	per/10	.60
	Coach Screws		
618A	Type 17 25mm Long	each	.15
618B	Type 17 50mm Long	each	.20
618C	Type 17 75mm Long	each	.35
618D	Nut Driver	each	9.50 Nett
618E	Ajax 8 x 40 Coach screw	each	.35 Nett
	Nuts		
704	1/4" Full BZP	per/10	1.10
705	3/16" Pressed Hex BZP	per/10	.40
706	3/16" Wingnut BZP	per/10	.70
695	5/32" Hex BZP	per/10	.70
694	3/16" Hex BZP	per/10	.45
	Washers		
707	1/4" Flat BZP	per/10	.40
689	5/32" Internal Tooth Star - BZP	per/10	.20
708	5mm External Tooth Star - BZP	per/10	.25
691	1/4" Spring - BZP	per/10	.30
701	3/16" Flat - BZP	per/10	.25
	Bolts		
693	1/4" x 3/4 Hex - BZP	per/10	1.30
	Rivets		
709	3/16" Pop Rivet	per/10	.80
710	Soft Seal		16.50

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

H A R D W A R E

ODE	DESCRIPTION	Excl GST TRADE $
	V Block Assemble Components	
0	Back Plate	.35
1	U Bolt Std	.80
2	U Bolt HD	1.00
3	V Block Std	.75
4	V Block Hd	1.05
5	V Block Assemble	3.95
	Insulators	
6	Large	1.50
7	Small	.80
	Clip & Ties	
8	Mast Clips	.15
5	Cable Clip 5mm	5.00/100
9	Cable Clips 6mm	5.00/100
0	Cable Clips 7mm	5.10/100
1	Cable Ties 100mm	.10
2	Cable Ties 300mm	.30
3	Adhesive Clips	.03
	Stay Kits	
1	Perma - Stay (Pair) 1.0m Long	14.00
2	Perma - Stay (Pair) 2.0m Long	17.00
0	Perma - Stay (Pair) 2.5m Long	25.00

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

C O A X C A B L E

CODE	DESCRIPTION		Excl GST TRADE $
	Imported: 75 ohm for TV/Radio		
900	RG59U Low Loss UHF Compatible	/100m rolls	61.00
		/300m rolls	183.00
902	RG6U Low Loss UHF Compatible	/100m rolls	68.00
		/300m rolls	204.00
903	RG6U Low Loss UHF Compatible (HP-IND)	/100m rolls	77.00
		/300m rolls	231.00
	(Coloured White or Black)		
	Imported: 50 ohm For Telemet / CB etc		
906	RG213 RT Coax	/100m rolls	270.00
907	RG58 RT Coax	/100m rolls	95.00
908	B9907 High Quality	/305m rolls	769.00
910	9764		TBA
911	RG11 / 9064		300.00
	New Zealand Made: 75 ohm For Tv / Radio		
901	RG59 Low Loss UHF Compatible (.81mm)	/100m rolls	68.00
904	2006 Coax	/100m rolls	98.00
905	URM57	/100m rolls	343.00
	New Zealand Made: 300 ohm For TV		
909	Ribbon	/100m rolls	83.00

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

C O A X C A B L E A C C E S S O R I E S

CODE	DESCRIPTION	Excl GST TRADE $
	Cable / Leads	
822	1.5 metres RG59U with 'F' Connector	2.00
823	UHF Stacking Harness (36 Long)	9.50
821	VHF Stacking Harness	18.00
5014	Plug to Plug Fly Lead (LEO6)	2.40
5013	Plug to Socket Fly Lead (LEO5)	2.65
122	Caravan Kit (8 metres cable plug PL75M balun)	19.95

TRADE PRICE LIST - NEW ZEALAND

P.O. Box 58446, Greenmount, East Tamaki AUCKLAND
Telephone: (09) 274 0955 Fax: (09) 274 0959

GME Kingray

Effective March 1st , 1994

MASTHEAD AMPLIFIERS & POWER SUPPLIES

22V AC MODELS

TOP UNITS ONLY

			NETT PRICE (Excl. G.S.T.)
20dB GAIN			
MHU20T	Amplify UHF	Diplex VHF	$50.00
MHW20T	Amplify VHF/UHF		$50.00
MHW20FMT	Amplify VHF/UHF	FM Filter	$53.00
28/34dB GAIN			
MHW34T	Amplify VHF/UHF		$56.00
MHW34FMT	Amplify VHF/UHF	FM Filter	$59.00
MHW34B2T	Amplify VHF/UHF	Band 2 Filter	$64.00
MHW34PT	Amplify VHF/UHF	Pager Filter	$64.00
MHW34IL	Amplify VHF/UHF	Power Thru	$57.00
MHU34T	Amplify UHF	Diplex VHF	$56.00
20/30dB GAIN VARIABLE			
MHW30GT	Amplify VHF/UHF		$58.00
25dB GAIN			
MH25HLT	Amplify HB VHF	Diplex or Bypass UHF/LB VHF	$67.00
30dB GAIN			
MHV34HBT	Amplify HB VHF	Diplex UHF/LB VHF	$65.00
38dB GAIN			
MHV34T	Amplify VHF	Diplex UHF	$61.00

12V DC MODELS

COMPLETE WITH POWER SUPPLY

20dB GAIN			
MHU23D (PSK01)	Amplify UHF	Diplex VHF	$72.00
28/34dB GAIN			
MHW34LV (P1K170)	Amplify VHF/UHF		$87.00

POWER SUPPLIES

22V AC		
MH21	Saddle/Clamp	$45.00
PSK02	Plug Pack	$22.00
PSK04	Plug Pack – Heavy Duty Cascade Installations	$48.00
12V DC		
P1K170	Power Injector	$27.00
PSK01	Plug Pack	$25.00

ACCESSORIES

MHBP	Masthead Box with Strap	$ 8.00
CA100	Cable Tie Installation Tool	$40.00
CA101	Cable Tie 290mm (Packed 50 or 500)	$ 0.80
CA102	Mast Mount Cable Tie	$ 0.90
MHU20B	PC Board Complete	$43.00
MHW20B	PC Board Complete	$43.00
MHW20FMB	PC Board Complete	$46.00
MHV34B	PC Board Complete	$54.00
MHV34HBB	PC Board Complete	$58.00
MHU34B	PC Board Complete	$49.00
MHW34B	PC Board Complete	$49.00
MHW34FMB	PC Board Complete	$52.00
MHW34PB	PC Board Complete	$57.00
MHW34B2B	PC Board Complete	$57.00
MHW30GB	PC Board Complete	$51.00

SPLITTER AMPLIFIERS – Wide Band

			NETT PRICE (Excl. G.S.T.)
SA212	240V 2-Way	PAL Sockets	$69.00
SA214	240V 4-Way	PAL Sockets	$72.00
SA214R	9 V DC Remote Powered 4-Way	PAL Sockets	$85.00
DU20C1	240V 1 x 2-Way	Saddle Screw	$88.00
DU20C2	240V 2-Way	Saddle Screw	$88.00
DU20C4	240V 4-Way	Saddle Screw	$88.00
DU28	240V 1 x 4-Way	Saddle Screw	$112.00

VIDEO COMBINER & FILTERS – Wide Band

SA214V	9V DC Remote Powered 4-Way	PAL Sockets	$118.00
FLBP0	Band Pass Filter	Ch.0	$19.00
FLBP34	Band Pass Filter	Ch's 3 & 4	$21.00
FLBS0	Band Stop Filter	Ch.0	$19.00
FLBS34	Band Stop Filter	Ch's 3 & 4	$21.00

DISTRIBUTION AMPLIFIERS & POWER SUPPLY– Wide Band

DW32	VHF/UHF	PAL Sockets	$88.00
DW32F	VHF/UHF	"F" Connectors	$90.00
DW22F	VHF/UHF	"F" Connectors	$82.00
DW40	VHF/UHF	PAL Sockets	$161.00
DW40F	VHF/UHF	"F" Connectors	$164.00
DW40FL	VHF/UHF	Line Powered	$147.00
PSK05	240V/15V AC Power Supply	"F" Connectors	$48.00
DU44	VHF/UHF	"F" Connectors	$273.00
DU10	VHF/UHF	PAL Sockets	$273.00
DA30	VHF/UHF	"F" Connectors	$546.00

MODULATORS & SYNC GENERATOR

MD80L	40 - 108 MHz	PLL Freq. Agile Modulator	$252.00
MD80H	108 - 300 MHz	PLL Freq. Agile Modulator	$259.00
MD80U	470 - 860 MHz	PLL Freq. Agile Modulator	$249.00
SG7P	Sync Generator		$308.00

VHF COMBINER/EQUALISER

EQ7UF	Standard Ch's 0,2,7,9,10 "F" Connectors	$188.00
	Custom manufactured to your specifications.	Price on Application

CONVERTERS

FC011U	Bulk VHF to UHF UP	$120.00
FC3605	Bulk UHF to VHF DOWN	$105.00
FC1000	PLL Frequency Agile Channel Converter	$644.00

FILTERS

FL0FMW	Masthead FM Filter	88 – 108 MHz	$30.00
FL0FML	Masthead FM Filter	88 – 100 MHz	$30.00
FL0FMH	Masthead FM Filter	100 – 108 MHz	$30.00
FLBS34	In-Line FM Filter	80 – 108 MHz	$21.00
FLBSP	In-Line Band Stop Filter (Pager)	120 – 160 MHz	$21.00
FL2BS12	In-Line Low Band Stop Filter	44 – 160 MHz	$19.00

DIPLEXERS

DPOUV	Masthead VHF/UHF	$16.00
RFCD	Chokes. Suits AC pass DPOUV	$0.42
DPONZ 911	Masthead VHF/VHF – Shielded	$46.00
DPONZ 810	Masthead VHF/VHF – Shielded	$46.00
DPONZ 4 - 10	Masthead VHF/VHF – Shielded	$46.00

WALL OUTLET PLATE

OPO1F	"F" to PAL Socket 2-3KV Isolated	$17.00
VWP	3 x PAL Sockets, suit Video Combiner	$13.00

TRADE PRICE LIST - NEW ZEALAND

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GME Kingray

IMPORTED TELEVISION ACCESSORIES

BALUNS

		NETT PRICE (Excl. G.S.T.)
BAL-1	75 - 300 Ohm Set Balun	$1.20
BAL-3	Masthead Mount Outside In-Line 75 Ohm to 300 Ohm Balun with Waterproof Boot.	$2.30
BAL-5	75 - 300 Ohm Waterproof Balun	$2.80

DIPLEXER

DPOHL	Waterproof Diplexer to combine Low Band (Ch. 1 to 3) with High Band (Ch. 4 to 10) AC Band Pass. Low Band Input 300 Ohm – High Band Input 75 Ohm – Output 75 Ohm	$11.00

TV/VIDEO CONNECTING LEADS

LE05	75 Ohm Plug to 75 Ohm In-Line Socket – 1.5 metre	$2.50
LE06	75 Ohm to 75 Ohm Plug Fly Lead – 1.5 metre	$2.30

PLUGS/ CONNECTORS/ SOCKETS – PAL Series

AD75FF	75 Ohm Socket to 75 Ohm Socket Adaptor	$1.00
SK75M	Metal 75 Ohm Line Socket	$1.20
PL75M	Metal 75 Ohm Solderless Coax Plug	$1.10
SK02	Single 75 Ohm Wall Mount Outlet Box (COB 11 Type)	$1.90
RZ40	Coaxial Cable Joiner, Screw Terminating - No soldering required	$1.10
RZ59	Coaxial Cable Joiner, Socket to Socket	$1.10

SPLITTERS

SP275P	2-Way 75 Ohm Plug Type	$2.20
SP275S	2-Way 75 Ohm Coax Splitter (Screw Terminals). AC Power Passing	$3.70
SP475S	4-Way 75 Ohm Coax Splitter (Screw Terminals). AC Power Passing	$5.60

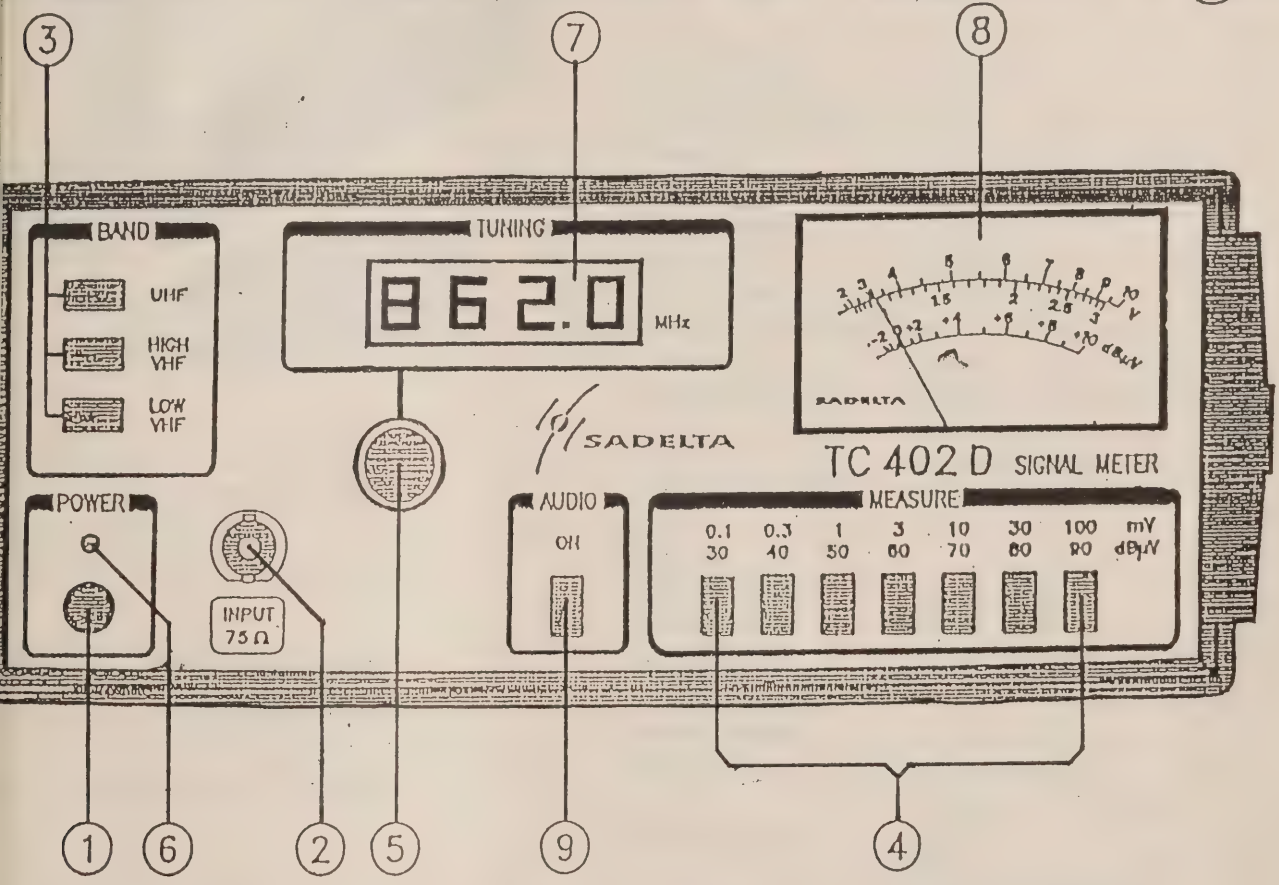
ATTENUATOR

ATT296B	Variable Attenuator – 75 Ohm Attenuation 0 - 20 dB Frequency Range 0.1 to 860 MHz	$8.00

LINCRAD AERIALS LIMITED, 17 WASHBOURNES ROAD, SOCKBURN, CHRISTCHURCH 4.
TELEPHONE (03) 3480659, FAX (03) 3484043.

The latest SADELTA feild strength meter is now in stock. New specs, appearance and carry case.

Still at an affordable $1180.00 + gst.



1. Power, 2. 75ohm input, 3. Band selector, 4 Range selector, 5. Tuning, 6. Power LED, 7. 4 Digit display, 8. Moving coil meter, 9. Audio (AM&FM)

Specifications:-

Frequency Range - Low VHF 45-170MHz, High VHF 170-450MHz, 450- 862MHz, 4 Digit LCD Display, Frequency Accuracy +/- 0.1% +/- 1digit, Input Impedence 75ohm, Frequency resolution 100khz, Ten turn tuning pot., BNC input connector, Measurement level range 20uV - 100mV & 26dbuV - 100dbuV, Scales uV & dbuV, Scale Range 10db, Measurement Accuracy (using correction chart) +/- 2db at 20°C, IF Bandwidth 800khz, Audio detection AM&FM, Audio power 200mW speaker, Power supply 8 x AA batteries, Current draw 150mA (without audio) Aprox. 9hrs on alkaline batteries, Size 220mm x 91mm x 235mm, Weight 1.9kgs with batteries.

MC-160B

TV/FM LEVEL METER

$975:00 + GST
IMMEDIATE PAYMENT

LINCRAD AERIALS LTD.
17 WASHBOURNES RD.,
CHRISTCHURCH 4
PH. 348-0659 FAX 348-4043

XCELLENT FOR AERIAL FITTING

HE BEST PERFORMANCE/PRICE

MALL & LIGHT. EASY TO CARRY

The MC-160B TV/FM level meter is without doubt, mple yet **essential instrument** for installing TV and erials. The primary aims in its design being broad uency coverage, really small size, and low cost. The **built-in digital frequency meter** simplifies g. The MC-160B has a 40 dB input attenuator AM/FM **sound demodulation**. The tone of the stic indicator varies with the signal level, ensuring maximum signal can be found without having to inuously watch the meter.
Automatic Frequency Control (AFC) is included, ng tuning both easy and stable. The MC-160B is ated from internal batteries.

$1121:00 / over 3 months
+ GST

SPECIFICATIONS

Frequency		
VHF	LOW VHF band	48 - 169 MHz
	FM band	87 - 109 MHz
	HIGH VHF band	175 - 448 MHz
UHF	UHF band	455 - 856 MHz
Indication	Digital frequency meter, 4 LCD digits	
Resolution	100 kHz	
AFC	All bands	
Input impedance	75 Ω (BNC)	
Maximum input signal	130 dBµV (3.16V)	
Measurement range	20 dBµV - 110 dBµV (10 µV-316 mV)	
Reading	Scale in dBµV (see options) and µV	
Scale range	30 dB	
IF bandwidth	300 kHz	
Attenuators	20 dB (IF), 40 dB (RF)	
Total accuracy	± 2.7 dB (22°C ± 5)	
Acoustic indication	Variable tone according level	
Spurious signals	Highest input without attenuation (≤20 dBµV spurious signals)	
FM & LOW VHF	60 dBµV	
HIGH VHF, UHF	80 dBµV	
Sound		
Demodulation	AM/FM, selectable	
Output power	0.25 W	
Loudspeaker	Built-in	
Internal supply	6 x 1.5 V batteries, R14 type	
Battery life	At 30 % on/off operation	
	17 h (alkaline) ■ 5 h (NiCd)	
External supply	12 to 15V DC	
	Optional AL-11, 198 to 253 VAC	
	or AL-21, 104 to 132 VAC	
	power adapter.	
Charger	Internal 180 mA regulator for 15 h rate when 1.8 Ah NiCd batteries are used	
Dimensions	W.197 x H.87 x D.138 mm (w/o bag)	
Weight	1.9 kg (incl. batteries and bag)	

ACCESSORIES

Included : Carrying bag - Coaxial adapter
(See accessories table and options)

EQUIPMENT OPTIONS

MC-160/10	dBmV scale

PROMAX